



Project No: MCC001901030201
Project: Final Remedial Investigation
Client: AFCEE
Location: Site 24 - Vandenberg AFB
Northing: 640279.649

Borehole ID: HGL40(24MW16B)
Date: 12/9/2002
Geologist: P. Sullivan
Checked By: D. Smith, R.G.
Ground Surface Elevation(ft msl): 458.94
Easting: 1768198.113

SUBSURFACE PROFILE					SAMPLE			Water Level	Remarks	
Depth	Symbol	Description	USCS	Elevation	Recovery %	Blow Counts	PID (ppm)			
2		Fill	fill					Lost (5'-6.5') sample due to blocked sampler.		
4										
6					100	7/8/8	1.8			
8		Sand with silt Pale yellowish brown (70%) mottled with dark yellowish orange (30%), medium dense, moist, 90% medium grained sand, 10% silt	SM	449						
10			SP	427	60	34/50 for 1"	2.4			
12										
14		Poorly graded sand Pale yellowish brown, medium dense, moist, 100% medium grained sand soft at 15'								
16					70	15/30/36	2.1			
18										
20					60	39/40/50 for 5"	1.3			
22										
24										
26					100	30/34/40	1.3			
28										
30		unit becomes 100% fine grained sand at 30'			50	44/50 for 5"	2.0			
32										
34		Sand with clay Dark yellowish orange, dense, moist, 85% medium grained sand, 15% clay	SC	425					Set temporary well at 40'.	
36			SP	419	80	27/40/50 for 3"	2.2			
38										
40					90	20/33/50 for 5"	1.8			

Drilled By: Layne Christensen

Drill Method: Dual Tube Percussion

Drilling Equipment: AP-1000

Sampling Equipment: CA Mod Split Spoon

HydroGeoLogic, Inc.

4600 Northgate Blvd., Suite 207

Sacramento, CA 95834

(916) 614-8770 FAX (916) 614-8775

Boring Diameter: 10"

Total Depth Drilled: 76'

Sheet: 1 of 2

Set temporary well at 40'.



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Depth	Symbol	Description	USCS	Elevation	Recovery %	Blow Counts	PID (ppm)		
42		Sand with clay	SC	417	90				
		Pale yellowish brown mottled with light brown, moist, hard, 85% medium grained sand, 15% clay	SP						
44									
46		Poorly graded sand			70	27/35/50 for 3"	2.1		
48		Pale yellowish brown, very moist, soft, 100% fine grained sand							
50					50	26/50 for 5"	0.4		
52									
54									
56		lense of sand with clay from 55.5' to 56.5'	SC		100	19/23/50 for 5"	0.9		
58			SP						
60		unit becomes moist and 100% medium grained sand at 56.5'			70	18/30/50 for 4"	2.5		
62		unit becomes 100% medium grained sand at 60'							
64									
66		unit becomes saturated and 100% coarse sand at 65'			100	10/20/27	2.7		
68									
70									
72									
74									
76				383					Set temporary well at 76'.
78		Clay	CL						Boring converted to deep well 24MW16B.
80		Olive gray, stiff, low plasticity, moist, 90% clay, 10% silt							

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